

CLAIMS

1. An energy dispersion type X-ray diffraction/spectral device which moves a white X-ray generating means and an X-ray detecting means to a first position and a second position which are separate from each other, uses intensities of X-rays detected for each level of energy by said X-ray detecting means at the respective positions as first data and second data, obtains third data regarding diffracted X-rays from the difference between said first data and said second data and obtains data regarding fluorescent X-rays from the difference between the first or second data and third data.